Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 22 Jan 2021 until 23:59 on Saturday 23 Jan 2021

Forecast Issued on Thursday 21 Jan 2021 at 12:55

Confidence: High confidence for a more settled weekend of weather but some uncertainty about the timing of frontal rain on Monday.

Headline for Friday 22 Jan 2021: Cloudy with some sunny intervals but a few blustery snow showers too, strong northwesterly winds.

Mountain weather hazards on Friday 22 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Light snow	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
10%	10%	20%	10%	10%	30%	30%	30%

Forecast for Friday 22 Jan 2021

Weather: Some clear spells overnight and a sharp frost is expected overnight. By day break there will be some bright spells but the risk of a few wintery showers blowing through on the strong northwesterly winds. These will push through quite quickly and some decent sunny spells are also likely.

Chance of cloud free mountain/hill tops above 600m: 70% chance, cloud shrouding the summits in snow showers.

Visibility: Visibility will generally be very good but in snow showers cloud may lower to around 500m temporarily, in any heavier snow showers visibility will become very poor for a time as the shower moves through.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 22 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/28 W	21/31 W	21/30 W	19/29 W	19/27 W	17/25 W	13/20 W	10/16 SW	10/15 SW
300	11/27 W	13/29 W	13/28 W	12/26 W	12/25 W	11/22 W	8/18 W	6/13 SW	7/14 SW
Valley	6/22 W	9/25 W	8/22 W	7/20 W	10/21 W	9/19 W	4/12 W	3/9 SW	3/8 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-9	-2/-9	-2/-9	-2/-8	-1/-8	-1/-8	-2/-8	-2/-7	-2/-8
300	0/-4	1/-5	1/-4	1/-4	1/-4	1/-3	0/-4	-0/-3	-1/-4
Valley	1/-2	2/-2	2/-2	2/-1	3/-1	3/-1	1/-1	1/-1	1/-1
Freezing Level*	200m	300m	300m	300m	400m	400m	300m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A few strong gusts at first on Friday but winds gradually easing, a severe wind chill is likely.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 21 Jan 2021	16.6mm	65.6mm	91.4mm

Forecast for Saturday 23 Jan 2021

Weather: A mixture of sunny spells and cloud with a few wintery showers.

Maximum wind: Northwesterly winds 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 80%, a few patches of low cloud will cover the tops in showers.

Visibility: Generally very good visibility becoming poor for a time as showers pass through, patches of cloud at 500m and above likely in showers.

Temperature: **Valleys:** Zero rising to plus 4 Celsius.
At 600m: Minus 2 falling to minus 6 Celsius.
Freezing level: 400m falling to 100m.

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